

# ABSTRACT

Charles University in Prague

Faculty of Pharmacy in Hradec Králové

Department of Pharmacology & Toxicology

Student: Pavlína Žváková

Supervisor: Prof. RNDr. Jiří Lamka, Csc.

Title of diploma thesis:

Parazitostatus of chamois population in Rumburk region and results of its control.

The diploma thesis deals with parasite diseases, which create most of the significant health problems of farmed chamois in the area of Rumburk. During three years of observation we made larvoscopic and oviscopic examination of 192 samples of faeces collected on winter standings of hunting area Studený vrch and 7 eviscerations of dead or hunted chamois. The results of these examinations were evaluated as parasitologically positive in most of the cases. The most frequent small lung worm occurring in chamois in this area is *Muellerius capillaris*

The next part of the diploma thesis deals with evaluation of anthelmintic effectiveness of administered medicaments. We administered albendazole in 2009 and ivermectin in 2011. In 2010 we did not give any medication to chamois but they were cured by medication provided by the Local Hunting Club (Okresní myslivecký spolek).

Further work has been focused on comparing the representation of species of parasites living in our chamois with those occurring in the same subspecies of chamois original alpine areas or other sites.